

Stamping the Sequence (View)

You are given two strings `stamp` and `target`. Initially, there is a string `s` of length `target.length` with all `s[i] == '?'`.

In one turn, you can place `stamp` over `s` and replace every letter in the `s` with the corresponding letter from `stamp`.

- For example, if `stamp = "abc"` and `target = "abcba"`, then `s` is `"?????"` initially. In one turn you can:
 - place `stamp` at index 0 of `s` to obtain `"abc??"`,
 - place `stamp` at index 1 of `s` to obtain `"?abc?"`, or
 - place `stamp` at index 2 of `s` to obtain `"??abc"`.

Note that `stamp` must be fully contained in the boundaries of `s` in order to stamp (i.e., you cannot place `stamp` at index 3 of `s`).

We want to convert `s` to `target` using **at most** `10 * target.length` turns.

Return an array of the index of the left-most letter being stamped at each turn. If we cannot obtain `target` from `s` within `10 * target.length` turns, return an empty array.

Example 1:

Input: `stamp = "abc", target = "ababc"`

Output: `[0,2]`

Explanation: Initially `s = "?????"`.

- Place stamp at index 0 to get `"abc??"`.
- Place stamp at index 2 to get `"ababc"`.

`[1,0,2]` would also be accepted as an answer, as well as some other answers.

Example 2:

Input: `stamp = "abca", target = "aabcaca"`

Output: `[3,0,1]`

Explanation: Initially `s = "???????"`.

- Place stamp at index 3 to get `"???abca"`.
- Place stamp at index 0 to get `"abcabca"`.
- Place stamp at index 1 to get `"aabcaca"`.

Constraints:

- `1 <= stamp.length <= target.length <= 1000`
- `stamp` and `target` consist of lowercase English letters.